

APPLICATION FOR SOLID WASTE FACILITY PERMIT AND WASTE DISCHARGE REQUIREMENTS

CALRECYCLE E-1-77 (Rev. 11-15)

NOTE: This form has been developed for multiple uses. It is the transmittal sheet for documents required to be submitted to the appropriate agency. Please refer to the attached instructions for definitions of terms and for completing this application form in a complete and correct manner.

FOR OFFICIAL USE ONLY

SWIS/WDID/Global ID NUMBER: 37-AB-0029	FILING FEE:	RECEIPT NUMBER:	DATE RECEIVED: 01-18-2024
DATE ACCEPTED: 02-16-2024	DATE REJECTED: N/A	ACCEPTANCE DATE OF INCOMPLETE APPLICATION: N/A	DATE DUE:

Part 1. GENERAL INFORMATION

A. ENFORCEMENT AGENCY: _____ B. COUNTY: _____

C. TYPE OF APPLICATION (Check one box only):

- | | |
|---|--|
| <input type="checkbox"/> 1. NEW SWFP and/or WDRS | <input type="checkbox"/> 4. PERMIT REVIEW |
| <input type="checkbox"/> 2. CHANGE TO SWFP and/or WDRS
<input type="checkbox"/> REVISION <input type="checkbox"/> MODIFICATION <input type="checkbox"/> OTHER (As authorized by law) | <input type="checkbox"/> 5. AMENDMENT OF APPLICATION |
| <input type="checkbox"/> 3. WAIVER | <input type="checkbox"/> 6. RFI/ROWD/JTD AMENDMENTS |

Part 2. FACILITY DESCRIPTION

A. NAME OF FACILITY: _____

B. LOCATION OF FACILITY:

1. PHYSICAL ADDRESS OR LOCATION AND ZIP CODE: _____

2. LATITUDE AND LONGITUDE: _____

3. LEGAL DESCRIPTION OF PERMITTED BOUNDARY BY SECTION, TOWNSHIP, RANGE, BASE, AND MERIDIAN, IF SURVEYED: _____

C. TYPE OF ACTIVITY: (Check applicable boxes):

- | | | |
|--|---|---|
| <input type="checkbox"/> 1. DISPOSAL
a. TYPE: _____ | <input type="checkbox"/> 3. TRANSFORMATION | <input type="checkbox"/> 5. C&D/INERT DEBRIS PROCESSING |
| <input type="checkbox"/> 2. COMPOSTABLE MATERIALS HANDLING
a. TYPE: _____ | <input type="checkbox"/> 4. TRANSFER/PROCESSING | <input type="checkbox"/> 6. IN-VESSEL DIGESTION |
| | | <input type="checkbox"/> 7. OTHER (describe): _____ |

D. IDENTIFICATION OF FACILITY IN CIWMP [CONFORMANCE FINDING]:

1. FACILITY IS IDENTIFIED IN (Check one):

<input type="checkbox"/> SITING ELEMENT	DATE OF DOCUMENT	_____	PAGE # _____
<input type="checkbox"/> NONDISPOSAL FACILITY ELEMENT	DATE OF DOCUMENT	September 2008	PAGE # _____

E. TYPE OF PERMITTED WASTES TO BE RECEIVED: (Check applicable boxes):

- | | | |
|--|---|--|
| <input type="checkbox"/> 1. AGRICULTURAL | <input type="checkbox"/> 6. CONSTRUCTION/DEMOLITION | <input type="checkbox"/> 11. LIQUIDS |
| <input type="checkbox"/> 2. ASBESTOS <input type="checkbox"/> Friable <input type="checkbox"/> Non-friable | <input type="checkbox"/> 7. CONTAMINATED SOILS | <input type="checkbox"/> 12. MUNICIPAL SOLID WASTE (MSW) |
| <input type="checkbox"/> 3. ASH | <input type="checkbox"/> 8. DEAD ANIMALS | <input type="checkbox"/> 13. SEWAGE SLUDGE |
| <input type="checkbox"/> 4. AUTO SHREDDER | <input type="checkbox"/> 9. INDUSTRIAL | <input type="checkbox"/> 14. WASTE TIRES |
| <input type="checkbox"/> 5. COMPOSTABLE MATERIAL (describe): _____ | <input type="checkbox"/> 10. INERT | <input type="checkbox"/> 15. OTHER (describe): _____ |

Part 3. FACILITY INFORMATION

A. FACILITY INFORMATION:

1. INFORMATION APPLICABLE TO ALL EXISTING FACILITIES:

- a. MAXIMUM DAILY TONNAGE OR CUBIC YARDS _____
- b. AS-DESIGNED DAILY TONNAGE or CUBIC YARDS _____
- c. FACILITY SIZE (acres) _____
- d. MAXIMUM TRAFFIC VOLUME PER DAY (vpd) _____
- e. DAYS AND HOURS OF OPERATION _____
Sorting Line/Processing 3:00AM - 4:00 PM 5 days a week (Monday - Friday)
Public tipping, Materials Receiving, Transfer/Facility Operations: 7:30 AM - 4:00PM, 5 days a week (Monday - Friday)

2. PROPOSED CHANGE(S) OR INFORMATION APPLICABLE TO NEW SWFP AND/OR WDRs

- a. MAXIMUM DAILY TONNAGE OR CUBIC YARDS _____
- b. AS-DESIGNED DAILY TONNAGE or CUBIC YARDS _____
- c. FACILITY SIZE (acres) _____
- d. MAXIMUM TRAFFIC VOLUME PER DAY (vpd) _____
- e. DAYS AND HOURS OF OPERATION _____
Proposed Changes"
- f. OTHER _____

3. ADDITIONAL INFO. REQUIRED FOR COMPOSTABLE MATERIALS HANDLING FACILITIES ONLY:

- a. TOTAL SITE CAPACITY (cu yds) _____

4. ADDITIONAL INFORMATION REQUIRED FOR LANDFILLS ONLY:

- a. AVERAGE DAILY TONNAGE (TPD) _____
- b. SITE CAPACITY CURRENTLY PERMITTED (Airspace) (cu yds) _____
- c. SITE CAPACITY PROPOSED (Airspace) (cu yds) _____
- d. SITE CAPACITY USED TO DATE (Airspace) (cu yds) _____
- e. SITE CAPACITY REMAINING (Airspace) (cu yds) _____
- f. DATE OF CAPACITY INFORMATION (Date) (See instructions): _____
- g. LAST PHYSICAL SITE SURVEY (Date) _____
- h. ESTIMATED CLOSURE DATE (month and year) _____
- i. DISPOSAL FOOTPRINT (acres) _____
- j. SITE CAPACITY PLANNED (cu yds) _____
- k. 1. (i) IN-PLACE WASTE DENSITY (lbs of waste per cu yd of waste) _____
AND
(ii) WASTE-TO-COVER RATIO (Estimated) (v:v) _____
OR
2. AIRSPACE UTILIZATION FACTOR (tons of waste per cu yd of landfill airspace) _____

Part 4. SOURCE OF WATER SUPPLY (Check applicable boxes)

- A. MUNICIPAL OR UTILITY SERVICE: _____
- B. INDIVIDUAL (wells): _____
- C. SURFACE SUPPLY:
 - 1. NAME OF STREAM, LAKE, ETC. : _____
 - 2. TYPE OF WATER RIGHTS:
 RIPARIAN APPROPRIATION
 - 3. STATE PERMIT OR LICENSE NUMBER , IF APPLICABLE: _____
- D. OTHER: _____

Part 5. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) (Check applicable boxes)

A. CHECK BOX(ES) IF ENVIRONMENTAL DOCUMENT WAS OR WILL BE PREPARED FOR THIS PROJECT:

1. ENVIRONMENTAL DOCUMENT WAS PREPARED:

ENVIRONMENTAL IMPACT REPORT (EIR) SCH# _____

NEGATIVE DECLARATION (ND)/MITIGATED NEGATIVE DECLARATION (MND) SCH# _____

ADDENDUM TO (Identify environmental document) _____ SCH# _____

2. ENVIRONMENTAL DOCUMENT WILL BE PREPARED (Enter lead agency if known): _____

B. IF ENVIRONMENTAL DOCUMENT(S) WAS NOT PREPARED, PLEASE PROVIDE THE FOLLOWING INFORMATION:

CATEGORICAL/STATUTORY EXEMPTION (CE/SE)
 EXEMPTION TYPE Class 1 Categorical Exemption - Section 15301 Existing Facilities GUIDELINE # Negligible or no expansion of use beyond that existing at the time of lead agency's determination

Part 6. LIST OF ATTACHMENTS (Fill in the date for each document checked)

A. REQUIRED WITH ALL APPLICATION SUBMITTALS:

<input type="checkbox"/> RFI/JTD <u>October 2018</u>	<input type="checkbox"/> ENVIRONMENTAL DOCUMENT(S):
<input type="checkbox"/> LOCATION MAP <u>October 2018 (see TPR)</u>	<input type="checkbox"/> EIR _____
<input type="checkbox"/> MITIGATION MONITORING & REPORTING PROGRAM _____	<input type="checkbox"/> MND/ND _____
<input type="checkbox"/> LIST OF PUBLIC HEARINGS AND OTHER MEETINGS OPEN TO THE PUBLIC _____	<input type="checkbox"/> EXEMPTION <u>3-Apr-18</u>
	<input type="checkbox"/> ADDENDUM _____

B. ADDITIONAL REQUIRED DOCUMENTS FOR DISPOSAL FACILITIES ONLY:

<input type="checkbox"/> OPERATING LIABILITY FINANCIAL MECHANISM _____	<input type="checkbox"/> FINANCIAL RESPONSIBILITY DOCUMENTATION _____
<input type="checkbox"/> CLOSURE/POST CLOSURE MAINTENANCE PLAN _____	<input type="checkbox"/> KNOWN OR REASONABLY FORSEEABLE CORRECTIVE ACTION COST ESTIMATES _____
<input type="checkbox"/> PRELIMINARY _____	<input type="checkbox"/> LANDFILL CAPACITY SURVEY RESULTS (see instructi _____)
<input type="checkbox"/> FINAL _____	

C. IF APPLICABLE:

<input type="checkbox"/> REPORT OF WASTE DISCHARGE _____	<input type="checkbox"/> DEPT. OF TOXIC SUBSTANCES CONTROL OR CERTIFIED UNIFIED PROGRAM AGENCY PERMIT _____
<input type="checkbox"/> STORMWATER PERMIT APPLICATION _____	<input type="checkbox"/> SWAT (Air and water) _____
<input type="checkbox"/> NPDES PERMIT APPLICATION _____	<input type="checkbox"/> WETLANDS PERMITS _____
<input type="checkbox"/> OTHER _____	<input type="checkbox"/> VERIFICATION OF FIRE DISTRICT COMPLIANCE _____

Part 7. OWNER INFORMATION (For disposal site, if operator is different from land owner, attach lease or other agreement)

TYPE OF BUSINESS:

SOLE PROPRIETORSHIP PARTNERSHIP CORPORATION GOVERNMENT AGENCY

OWNER(S) OF LAND (Name):	SSN OR TAX ID #
ADDRESS, CITY, STATE, ZIP	TELEPHONE #:
	FAX #:
	E-MAIL ADDRESS:
	CONTACT PERSON (Print Name):

Part 8. OPERATOR INFORMATION (For disposal site, if operator is different from land owner, attach lease or other agreement)

TYPE OF BUSINESS:

SOLE PROPRIETORSHIP

PARTNERSHIP

CORPORATION

GOVERNMENT AGENCY

FACILITY OPERATOR(S)

(Name):

IMS Recycling Services, Inc.

ADDRESS, CITY, STATE, ZIP

2740 Boston Avenue
San Diego, CA 92113

Mailing address:

PO Box 13666
San Diego, CA 92170

Note: MSIRE, Inc is a related entity of IMS Recycling with the same ownership. There is no lease between MSIRE and IMS Recycling

SSN OR TAX ID #:

951-92-9832

TELEPHONE #:

(619) 336-7277

FAX #:

E-MAIL ADDRESS:

TerryS@cpglobalco.com

CONTACT PERSON (Print Name):

Terry Schneider

ADDRESS WHERE LEGAL NOTICE MAY BE SERVED:

IMS Recycling Services, Inc. 2740 Boston Avenue, San Diego, CA 92113

Part 9. SIGNATURE BLOCK

Owner:

I certify under penalty of perjury that the information I provided for this application and for any attachments is true and accurate to the best of my knowledge and belief. I am aware that the operator intends to operate a solid waste facility at the site specified above pursuant to this application and understand that I may be responsible for the site should the operator fail to meet applicable requirements.

SIGNATURE (LAND OWNER OR AGENT):

PRINTED NAME:

Terry Schneider

TITLE: CEO

DATE: 2/7/2024

Lessee:

I certify under penalty of perjury that the information I provided for this application and for any attachments is true and accurate to the best of my knowledge and belief. I am aware that the operator intends to operate a solid waste facility at the site specified above pursuant to this application.

SIGNATURE (LESSEE):

PRINTED NAME:

Terry Schneider

TITLE: CEO

DATE: 2/7/2024

Operator:

I certify under penalty of perjury that the information contained in this application and all attachments are true and accurate to the best of my knowledge and belief.

SIGNATURE (FACILITY OPERATOR OR AGENT):

PRINTED NAME:

Juan Murillo

TITLE: Plant Manager

DATE: 2/7/2024

Part 10. OTHER (Attach additional sheets to explain any responses that need clarification)

IMS RECYCLING SERVICES MATERIAL RECOVERY FACILITY & TRANSFER STATION

Large Volume Transfer/Processing Facility

Transfer/Processing Report

Prepared for:

IMS Recycling Services

2740 Boston Avenue
San Diego, CA 92113
Telephone: (619) 231-2521

Prepared by:

Clements Environmental Corporation

15230 Burbank Blvd., Suite 103
Sherman Oaks, CA 91411
(818) 267-5100

**October 2018
Amended 2024**

TRANSFER/PROCESSING REPORT

IMS Recycling Services MRF & TRANSFER STATION

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1.0 FACILITY OVERVIEW

INTRODUCTION

This document has been prepared in accordance with Title 14, Section 18221.6 of the California Code of Regulations (CCR), which lists the specific requirements for inclusion in a Transfer/Processing Report (T/PR). This T/PR describes the design and operation of the IMS Recycling Services, Inc. Boston Yard Material Recovery Facility & Transfer Station (FACILITY) located in the City of San Diego.

The FACILITY is an existing Transfer Processing Facility processing curbside commingled material with other source-separated recyclables.

This document has been prepared in accordance with Title 14, Section 18221.5 of the California Code of Regulations (CCR), which lists the specific requirements for inclusion in a “Facility Plan” for a medium volume transfer/processing facility. This Facility Plan describes the design and operation of the IMS Recycling Material Recovery Facility (MRF) and Transfer Station located in the City of San Diego, California.

Currently, the facility operates as a recycling center receiving various source-separated and commingled recyclables, which is sorts, bales and ships to markets. IMS is submitting this application for the facility and operation as it currently exists to allow the facility to process up to 217 TPD of material, some of which may contain contamination at levels which would cause the facility to exceed the 10% residual threshold of CalRecycle.

Summary of Facility Information

Name of Facility:	IMS Recycling Services, Inc.
Facility Address:	2740 Boston Avenue San Diego, CA 92113 (Lat 32 deg 41'39.04"N) (Lon 117 deg 08'05.18"W)
APNs	538-760-20-00, -21-00, -22-00, -23-00, -26-00, -27-00, - 28-00, -30-00, -35-00
Solid Waste Facility Permit No.	37-AB-0029
Permitted Capacity:	217 Tons Per Day (TPD)
Design Capacity:	750 Tons Per Day (TPD)
Land Owner	IMS Recycling Services, Inc. MSIRE, Inc. P.O. Box 13666 San Diego, CA 92170
Operator	IMS Recycling Services

TRANSFER/PROCESSING REPORT

IMS Recycling Services MRF & TRANSFER STATION

Where Legal Notice May Be Served

~~2697 Main Street~~
San Diego, CA 92113
Telephone: (619) ~~231-2521~~
Email: ~~Deborah@imsrecycl~~

IMS Recycling Services
~~2697 Main Street~~
San Diego, CA 92113
Telephone: (619) ~~231-2521~~
Email: ~~Deborah@imsrecycling.e~~

IMS Recycling Services
PO Box 13666
San Diego, CA 92170
(619) 213-3954
TerryS@cpglobalco.com

IMS Recycling Services
2740 Boston Avenue
San Diego, CA 92113
(619) 213-3954
TerryS@cpglobalco.com

SITE LOCATION

The plant is located at 2740 Boston Avenue in the City of San Diego. Major roads providing access to the facility include Interstate 5, S. 28th Street and Boston Avenue.

Figure 1, Vicinity Map, shows the location of the FACILITY. See **Figure 2**, Radius Map (1,000 ft radius).

NATURE AND QUANTITY OF MATERIALS

Material Types

Only non-hazardous material is accepted at the facility. This includes source-separated recyclable materials from curbside-collection programs, multi-family programs, commercial accounts, or other recycling programs. Source separated, separated, separated for reuse or commingled recyclable materials received at the facility will consist primarily of cardboard, paper, newspaper, plastic, ferrous & non-ferrous metals.

No designated, special, medical, liquid, hazardous or radioactive wastes are accepted at the facility. A Hazardous Waste Load Checking Program has been implemented to enforce this policy. A copy of this program is included as **Appendix A**.

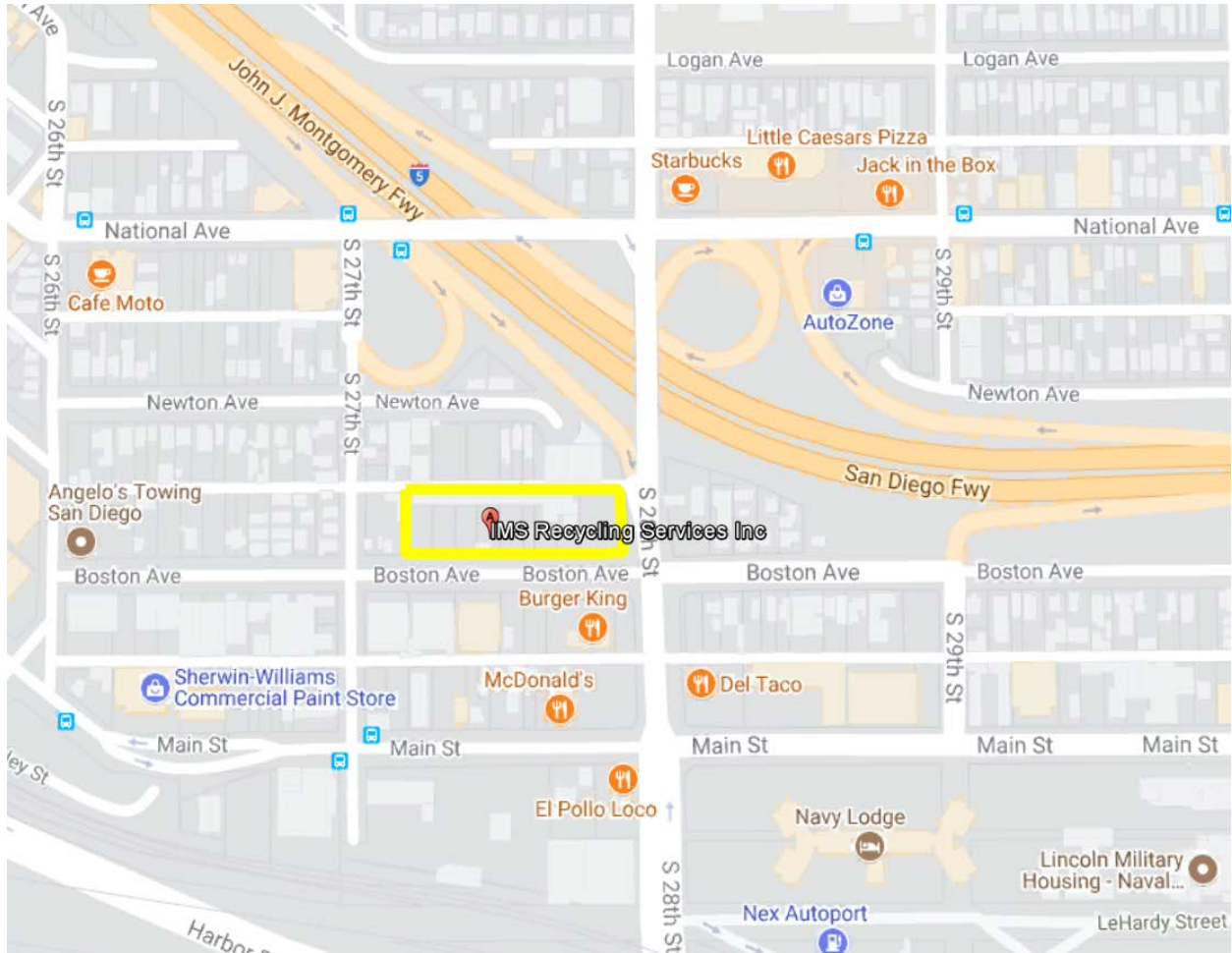
Material Quantities

The facility is designed for an ultimate peak throughput of 750 TPD, and is currently applying for a permit to receive a maximum of 217 TPD. The anticipated average annual throughput over the first five years is 91,250 tons, as shown in **Table 1**. This annual projection is an estimate only, and may differ as a result of new or revised material hauling contracts, legislative mandates, or changes in available landfill disposal capacity and tipping fees.

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IMS Recycling Services MRF & TRANSFER STATION

**FIGURE 1
VICINITY MAP**



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**FIGURE 2
RADIUS MAP**

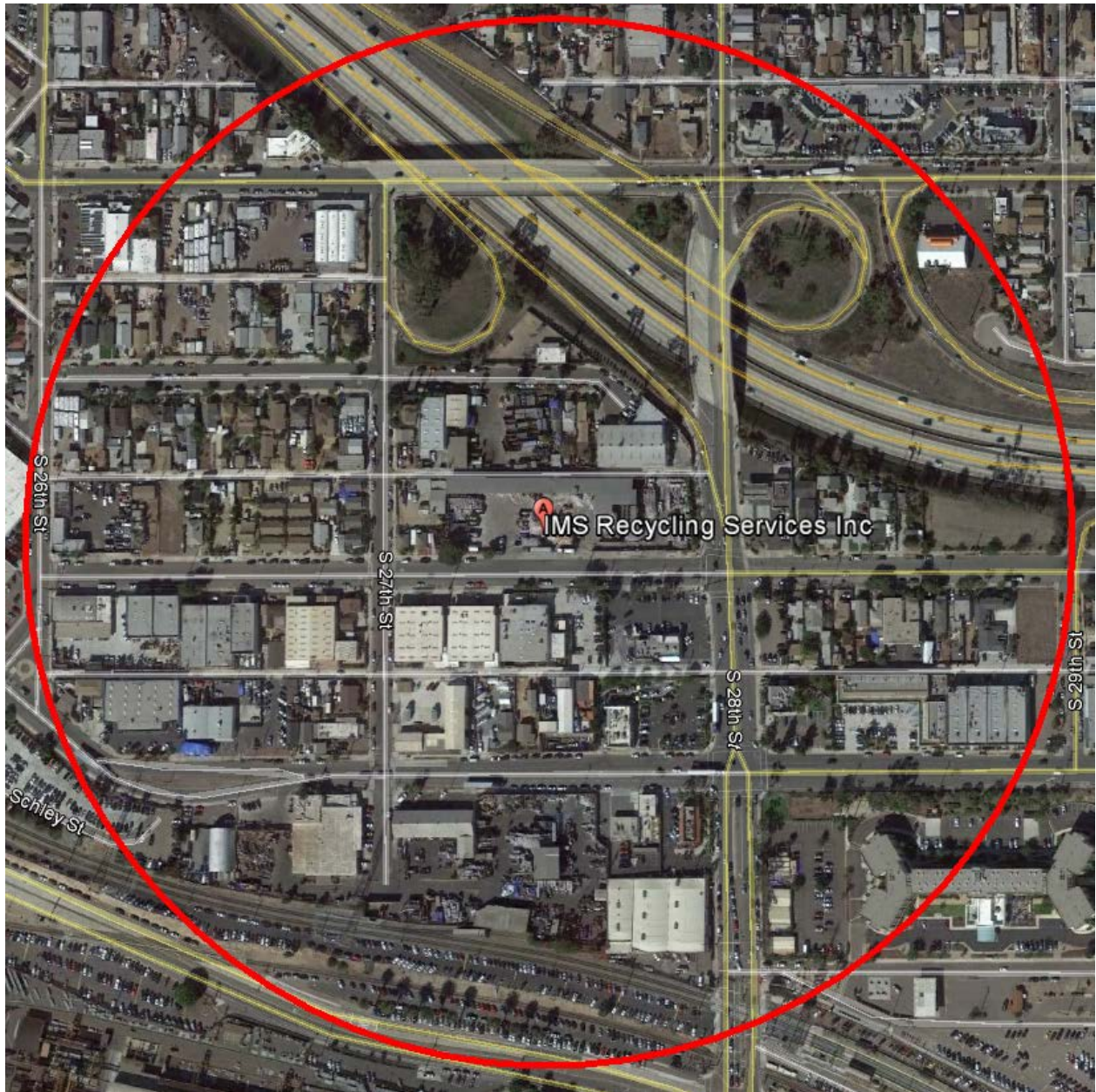


FIGURE 3
SITE PLAN



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The average weekly tonnages are expected to vary by 5 to 10 percent, and seasonal variations are expected to affect the averages by as much as 10 percent. The maximum daily tonnage of 217 TPD will not be exceeded. Unusual peak loading or emergencies will be handled at the station by adding manpower and equipment, and/or extending the length of shifts.

TABLE 1
ANTICIPATED AVERAGE ANNUAL TONNAGE

YEAR	TONS/DAY	TONS/YEAR*
2018	200	52,000
2019	200	52,000
2020	200	52,000
2021	200	52,000
2022	200	52,000
5-YEAR AVERAGE	200	52,000

* Based on 5 days per week x 52 weeks per year operation

Quantities of each material type will vary depending on the size and types of programs serviced by the facility (i.e. multi-family, commercial source separation, etc.). ~~An approximate estimate of the tonnages for each type is as follows:~~

- ~~• Residential curbside recyclables: 150 TPD~~
- ~~• Multi-family material: 35 TPD~~
- ~~• Commercial material: 35 TPD~~
- ~~• Self-haul material: 30 TPD~~

TYPES AND NUMBERS OF VEHICLES

The following types of vehicles will use the facility:

- **Inbound Vehicles:** collection trucks, as well as public self-haul vehicles, flat beds or roll-off trucks.
- **Outbound Vehicles:** transfer trucks, semi-trucks, roll-off trucks, flatbed trucks, stake bed trucks, sea containers, dry vans and end dumps
- **Employee and Visitor Vehicles:** cars, trucks and vans.

Table 2 summarizes facility traffic at the peak permitted capacity of 217 TPD as projected from the weigh scale records of the existing facility.

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**TABLE 2
ANTICIPATED PEAK DAILY VEHICLES**

VEHICLE TYPE	PEAK (217 TPD)
<u>Inbound Vehicles</u>	
Collection Trucks	25 <input type="text" value="37"/>
Public Vehicles (cars & pick-ups)	17 <input type="text" value="3"/>
<u>Outbound Vehicles</u>	
Roll-off or End Dump Trucks with residue	4 <input type="text" value="7"/> 6 <input type="text" value="10"/>
Material Marketing Trucks	
Employee and Visitor Vehicles ⁽¹⁾	15 <input type="text" value="10"/>
TOTAL VEHICLES PER DAY	67
(1) Some employees carpool, take mass-transit, or ride bikes to work	

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IMS Recycling Services MRF & TRANSFER STATION

2.0 REGULATORY REQUIREMENTS

The following regulatory requirements apply to the FACILITY:

- **Land Use Permit** – Completion of LDR – Planning Review by the City of San Diego Development Services Department with the determination that the facility maintains previously conforming rights and no discretionary permits are required for the existing facility or the associated Solid Waste Facility Permit.
- **CEQA** – The City of San Diego Development Services Department “...determined that the facility maintains previously conforming rights and no discretionary permits are required for the existing facility or the associated Solid Waste Facility Permit.” Because there was no discretionary review necessary, a CEQA review was not required, essentially a Categorical Exemption.
- **City Non-Disposal Facility Element (NDFE)** - The City of San Diego included the FACILITY on page 27 of the City’s NDFE dated September 2008.
- **Storm Water Permit** - The FACILITY has a General Industrial Storm Water Permit (NPDES) with the State Water Resources Control Board (SWRCB), WDID 9-371013268. A Storm Water Pollution Prevention Plan (SWPPP) and Monitoring Program Plan (MPP) have been developed.
- **Solid Waste Facilities Permit** – A Solid Waste Facilities Permit will be obtained from the City of San Diego Solid Waste Local Enforcement Agency (LEA); and CalRecycle.

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IMS Recycling Services MRF & TRANSFER STATION

3.0 FACILITY DESIGN

DESIGN PLANS

Site Plan

Site Description

The FACILITY covers 1.53 acres and includes the following major components:

- Material Recovery Facility (MRF) (13,010 sf)
- Scalehouse and Office (1,530 sf)

Figure 4 on the following page shows the facility traffic flow. The Site Plan (**Figure 3** shown previously) shows the tipping, processing and truck clean out areas, balers, and material storage and load out.

Tipping Areas

The property includes approximately 4,000 sf tipping area as shown on the Site Plan.

Storage Areas

Material storage is minimized by a “first-in, first-out” policy. Material is stored onsite up to seven days as long as it does not create an issue as stated in CCR Section 17410.1. The LEA can require immediate removal of any load propagating flies or vectors. The facility does not anticipate residual material storage for this extended amount of time. Generally, residual material will be transferred from the facility within 24 hours.

Recyclables are stored in bales, bunkers, bins, or roll-off containers.

Parking Areas

Collection, commodity and transfer trucks are owned by others and will park off-site. Employees park off site.

Traffic Plan

Offsite Traffic Patterns

Trucks will access the facility off Interstate 5 to S 28th Street then to Boston Avenue and into the site.

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IMS Recycling Services MRF & TRANSFER STATION

Onsite Traffic Patterns

Vehicles delivering material weigh in on the scale and then enter the facility through the west driveway. They then tip their loads in the area at the head of the sorting lines. The vehicles are weighed empty before leaving.

Trucks for residual waste and trucks picking up processed recyclable material enter the site, after weighing in at the scale, drive to the respective load out area, receive their payload, weigh out on the scale, and exit the site.

During material receiving hours, personnel in the scalehouse monitor incoming and outgoing traffic. During non-material receiving hours, fences, walls, and gates secure the site at all entry and exit points.

Waste Flow Diagram

Figure 4, Material Flow Diagram, presents an approximate flow of materials through the facility from unloading through sorting, processing, and load out. This may vary substantially depending on the types and composition of materials received in the future. Material handling activities involved in this material flow are discussed in **Section 5**, Operations.

Surface Drainage and Runoff Control Plan

IMS Recycling holds a General Stormwater Permit. A Storm Water Pollution Prevention Plan and Monitoring Program Plan have been implemented to manage stormwater at the facility. As of this writing, IMS is installing drainage, pumps and tanks to store their stormwater and will no longer be generating any stormwater runoff.

Industrial Wastewater Discharge

Dry clean-up methods are used at the site. If water is needed, IMS will use its stored water and recapture any potential run-off.

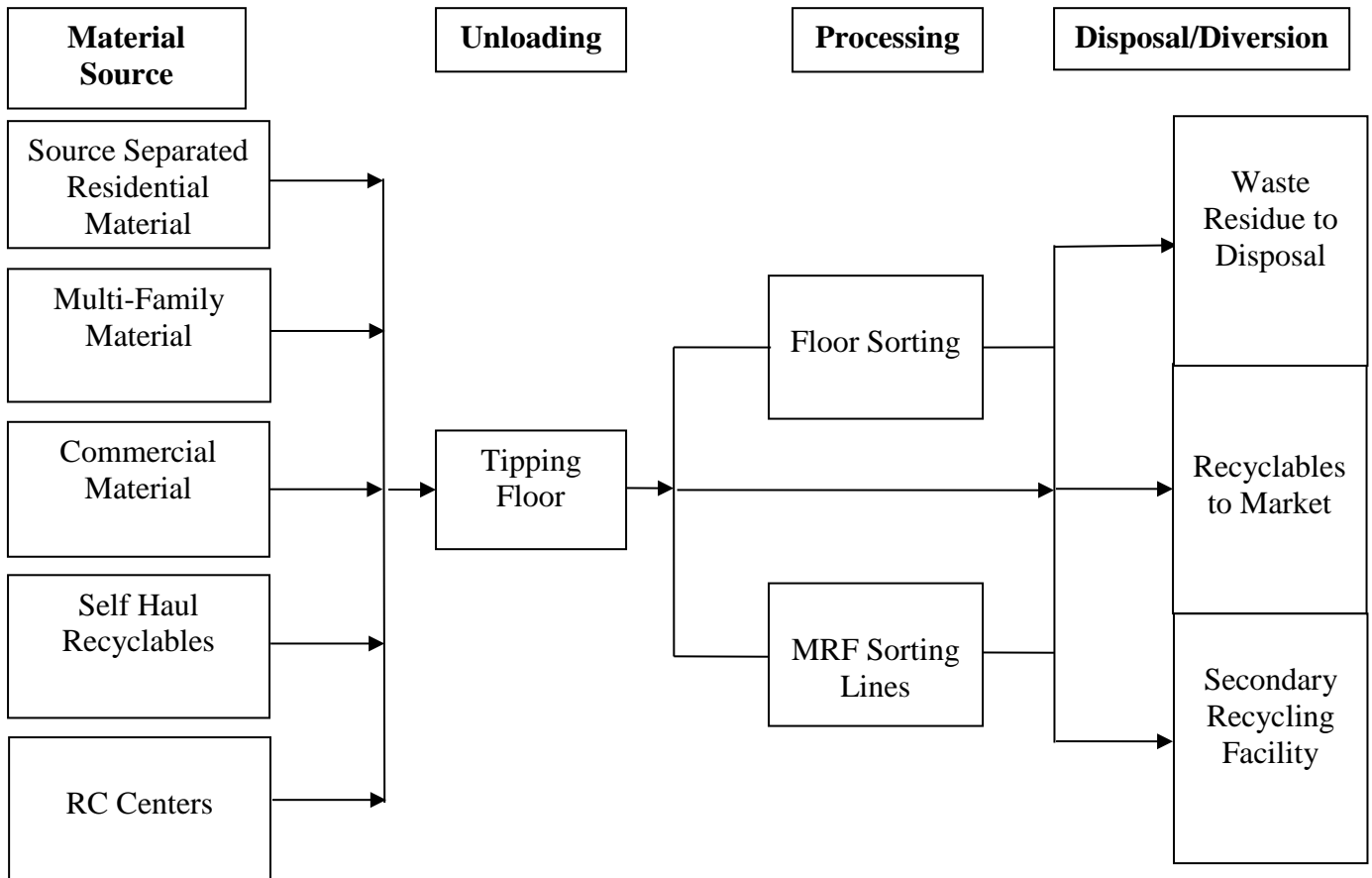
Utilities

San Diego Gas and Electric (SDG&E) provides power to the facility. Water and sewer services are provided by the City of San Diego.

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IMS Recycling Services MRF & TRANSFER STATION

**FIGURE 4
MATERIAL FLOW DIAGRAM**



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DESIGN CALCULATIONS

Station Capacity

This section substantiates the facility's ability to handle the ultimate design capacity of 750 TPD without causing environmental harm or safety problems.

Vehicle Loading and Unloading

The following assumptions and calculations support the facility design with respect to vehicle loading and unloading.

- Queuing

Two collection vehicles can queue on and before the incoming scale. Given the quick 60-second weigh-in time, this is sufficient so that queuing occurs onsite. An additional two trucks can queue between the scales and the tipping area.

- Collection Vehicle Weigh-in/Off-loading

Assuming 60 seconds to weigh-in (30 seconds for weighing and 30 seconds to ascertain jurisdiction of origin), approximately 60 vehicles could weigh-in per hour. This capacity exceeds the peak hourly number of collection vehicles (8), and self-haul vehicles (4) expected at the maximum design capacity of 750 TPD.

Assuming a collection truck can unload in 10 minutes in the tipping area, a maximum of 6 vehicles could unload in the tipping area per hour. At an average payload weight of eight tons, this equates to 48 tons per hour. At 217 TPD, all material could be tipped in a little under five hours.

- Allocation of Incoming/Outgoing Materials

IMS Boston Yard will allocate materials to jurisdictions according to the following:

- As each vehicle weighs in, the scale operator will ask the driver for the origin of the load and note it on the weigh ticket.
- The net tonnage of the load will be divided into a diversion and a disposal tonnage according to a pre-established "template". This template is based on a composition study performed every four months and coordinated and supervised by representatives from the City of San Diego. A random sample of the material delivered, is sorted, weighed, and used to calculate the percentage of each commodity, including the trash percentage.

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- IMS Boston Yard will report total diversion and disposal tonnages for each jurisdiction using the facility per the requirements of CalRecycle's Disposal Reporting System for transfer stations, and as required by the LEA.

Material Storage

The storage area for incoming material is approximately 4,000 sf. Assuming a loader can work a pile 10 ft high, the total tonnage that could be stored on the floor would be 1,542 tons based on the calculation below. This assumes a density on the floor of 450 pounds per cubic yards, which was calculated from standard “in truck” compacted densities of 750 lbs/cy and assumes an average “decompression” of 40% during tipping.

$$(1 \text{ ton}/ 2,000 \text{ lbs}) \times (450 \text{ lbs}/1 \text{ cy} \times 1 \text{ cy}/27 \text{ ft}^3) \times 10 \text{ ft depth} \times 4,000 \text{ sf} = 333 \text{ Tons}$$

Material Shipping

An outbound truck can be loaded in roughly 15 minutes, or four per hour. Assuming a 23-ton payload for each truck, this equates to 92 tons per hour, well beyond the needed capacity. At this rate, all 750 tons could be loaded out in about 8 hours.

$$750 \text{ tons}/92 \text{ TPH} = 8.2 \text{ hours}$$

Material Processing Operations

The covered structure will continue to be used to sort material from curbside programs, multi-family units, and commercial accounts.

The following assumptions and calculations support the facility design with respect to the sorting and processing operations at the facility. These assumptions could change during the course of the project.

- Material Processing

The primary MRF sorting system is designed with a throughput capacity of 35 tons per hour. This equates to 455 tons per day, above the capacity needed for sorting of source-separated material.

$$35 \text{ tons per hour} \times 13 \text{ hours} = 455 \text{ tons per day}$$

Some source-separated cardboard, plastics, glass or other commodity may also be received at the facility from commercial and industrial businesses. Much of this material will not require processing and will be baled directly.

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- Baling

At maximum diversion, a total of approximately 600 tons of recyclable material will be baled for transport to market per day (note that glass and some other commodities are shipped without baling). Assuming a capacity of 25 tons per hour for the baler, 325 tons of material could be baled each day.

25 tons per hour x 13 hours = 325 tons per day

Storage of Salvaged Materials

The bale storage areas total 12,000 sf and stacked four bales high can hold approximately 1,800 bales (each 1,500 lbs. with dimensions 30 x 42 x 60 inches). The maximum storage time for salvaged material is 120 days.

20 sf/bale x 1,802 bales x 1/4 bales high x 1.33 (for aisles) = 12,000 sf

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4.0 STATION IMPROVEMENTS

SIGNAGE

A signage plan, conforming to City of San Diego planning standards, ensures safe operations. Signs are maintained and replaced as needed to ensure easy readability and maintain aesthetics. At a minimum, the following signs are posted with the following information:

Sign Located at the Entrance of the Facility

Hours of Operation, Days of Week
Name of Facility and Operator
Materials Accepted/Not Accepted
Speed Limit
Facility Telephone Number

Sign Located at the Scale House

Transfer Station Rules
Tarping Requirements

SECURITY

During receiving hours, facility personnel stationed in the scalehouse monitor all incoming traffic. During non-receiving hours, a combination of walls and gates secure the site at all entry and exit points.

ROADS

The entire site inside the fenced area is paved. The tipping area is concrete and designed for heavy use. In addition, heavy metal plates are installed and removed as needed to further protect the concrete floor from deteriorating. Daily sweeping to remove litter and provide dust control does not impact the structural integrity of the site surfaces. The site is accessible during dry and wet weather periods.

VISUAL SCREENING

The facility is designed so that the fencing and walls screen the operation from view. Landscaping along the site perimeter provides further screening and enhancement of the aesthetics of the site.

The main processing area with overhead coverage is located in the back portion of the site, where it is shielded from view from the street.

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5.0 OPERATIONS

HOURS OF OPERATION

The start of the operating day for purposes of calculating daily amounts of material received is 12:00 a.m. (midnight). The following are the proposed hours of operation by activity:

Activity	Hours of Operation
Material Receiving (Municipal & commercial haulers)	7:30 a.m. - 4:00 p.m. Mon-Fri
Public Tipping (Residents, non-commercial users)	7:30 a.m. - 4:00 p.m., Mon –Fri
Material Processing	3:00 a.m. – 4:00 p.m., Mon-Fri
Waste Transfer	7:30 a.m. 7:00 a.m. – 4:00 p.m., Mon-Fri
Site Maintenance and Cleanup	Daily, by 5:00 p.m. each day
Visitors	By appointment, M-F

The facility is closed on the following holidays: New Year’s Day, President’s Day, Memorial Day, 4th of July, Labor Day, Thanksgiving and Christmas.

STATION PERSONNEL

Table 3 lists the facility positions and number of personnel anticipated at the facility at the proposed 217 TPD throughput capacity. The number and assignments may change to some extent depending on operational requirements. The operation is typically conducted over one shift, but could be extended to a second shift, if needed.

Figure 5 shows an organizational chart for the operation of the facility. Facility management is selected based on their proven experience in the material management and recycling industry. **Appendix C** contains capsule resumes of key people. **Table 4** and **Table 5** contain emergency contact information.

All employees receive training including, but not limited to safety, health, environmental controls, and emergency procedures. The training programs offer standardized training for all employees in company operations, policies and procedures, as well as additional training based on the specific job description and responsibilities of the employee. For example, sorters are trained to recognize the types of hazardous or special waste that may be inadvertently included in the loads brought to the facility. Employees receive regular safety briefings.

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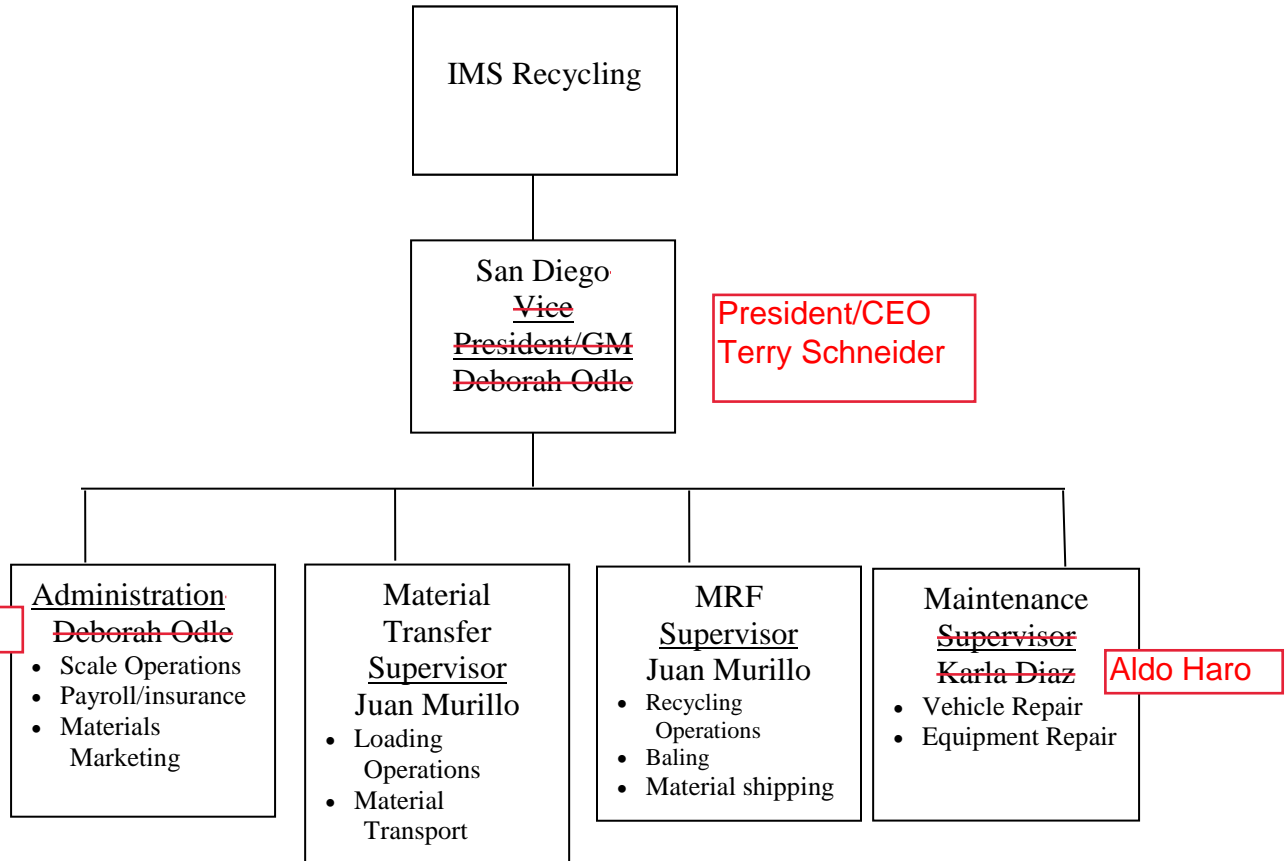
**TABLE 3
FACILITY STAFFING**

Position	Proposed (217 TPD)
<i>Facility Management</i>	
Operations Manager	1
<i>Administration/Safety (covered from another location)</i>	
<i>Operations</i>	
Leads	2
Sorters	
MRF	19
Quality Control/Spotter	1
<i>Equipment Operators</i>	
Forklift Operators	3
Loader Operators/Spotter	2
Baler Operator	2
Dispatcher	1
<i>Maintenance</i>	
Mechanics	2
TOTAL	33

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FIGURE 5 ORGANIZATIONAL CHART



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**TABLE 4
CORPORATE EMERGENCY CONTACT LIST**

Name	Phone
Deborah Odle	Office: (619) 231-2521
Terry Schneider	Cell: (619) 822-4151

O: (619) 336-7277
C: (619) 213-3954

**TABLE 5
OUTSIDE AGENCY EMERGENCY CONTACT LIST**

TYPE OF EMERGENCY	AGENCY	PHONE NUMBER
General Emergency	Emergency Dispatch	911
Fire or Haz. Waste Spill or	City Fire Department	911 or (858) 974-9819 (24-hour non-emergency dispatcher)
Explosives	SDFD and City Fire Department	911 (619) 531-2000 (Police) (619) 533-4300 (Fire)
Security	SDPD	911 or (858) 974-9819 (24-hour non-emergency dispatcher) or (619) 531-2000 (Police)
Hazardous/Suspected Hazardous Waste, Unknown Sludges, Slurries and Liquids	City of San Diego Fire Or County of SD Hazardous Waste Material Disposal	(858) 694-3900 (Info Line)
Medical Waste	City of San Diego Fire Department / Health Services County of San Diego Dept of Environmental Health (DEH)	(619) 338-2231 (858) 505-6700 (DEH)
Injuries/Non-Emergency Medical Assistance	US Health Works Medical Group	(619) 474-9211
Radiation	SD County Health Services, Radiological Health Program	(858) 694-3621
Any of the above, also contact	City of San Diego Solid Waste Local Enforcement Agency (LEA)	(619) 533-3688

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STATION EQUIPMENT

Table 6 lists the type of equipment and estimated number of units anticipated at the peak throughput of 217 TPD.

- **Trucks:** These trucks and drivers will be provided by outside contractors and will not be based at the FACILITY.
- **Material Marketing Trucks:** These trucks and drivers will be provided by outside contractors and will not be based at the FACILITY.

TABLE 6
ESTIMATED STATION EQUIPMENT

Equipment Type	Proposed (217 TPD)
Trucks and Trailers	NA
Loaders	2
Forklifts	3
Baler with Loading Conveyor	1
Material Recovery System	1
Electronic Platform Scale	1
Electronic Truck Scales	1

Preventative Maintenance Program

An equipment preventative maintenance program has been implemented at the facility to ensure the reliability of all equipment and vehicles. The schedule is approximately as follows:

- Loaders and Forklifts: every 250 hours
- Conveyors: bi-weekly lube and alignment
- Baler: monthly inspection and service

Standby Equipment

To assure ongoing operations, the following back-up equipment, beyond that listed in **Table 6**, will be maintained at the facility, or will be available from off-site sources on an on-call basis:

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- One (1) loader
- One (1) forklift

To assure fast repair, adequate parts and supplies are kept on-site and maintenance contracts are established with local equipment vendors. While there are few critical spare parts necessary to maintain facility operations, it is anticipated that the following equipment may be stored at the facility for emergency purposes: shipping containers, spare baler parts, electric conveyor motor, and conveyor parts. For the quick replacement of mobile equipment, local equipment rental companies in San Diego can provide same day delivery of loaders and forklifts.

Hazardous Waste Handling Equipment

Hazardous waste discovered on the tipping floor or on the sorting platforms will be handled in accordance with the facility's hazardous waste handling plan. The equipment used to handle hazardous waste may consist of the following Personal Protective Equipment (PPE):

- *Eye protection:* safety glasses or goggles
- *Body protection:* hard hats, disposal coveralls or Tyvec sleeve, Nitril gloves, neoprene aprons and steel-toed boots
- *Respiratory Protection:* Dust masks or respirators (if needed)

Hazardous wastes, if found, are stored at ~~IMS Logistics, Inc.~~ using EPA-approved 55-gallon drums and will be stored under cover over with secondary containment. Other storage is as follows:

- Lead-Acid car batteries are stored on pallets under roof at ~~IMS Recycling Services on 1345 S. 27th St. (in the metals yard).~~
- Alkaline batteries are placed in a steel box and stored at ~~IMS Logistics on 2731 Newton Ave.~~
- Universal Waste is stored in boxes at the MRF.

All hazardous waste is stored at the MRF. Not at secondary locations

MATERIALS HANDLING ACTIVITIES

The following section describes material handling activities.

Material Recovery Facility (MRF)

Collection vehicles (curbside trucks, select commercial front-loaders, self-haul) weigh in on the scale and then enter the facility. The scalehouse operator directs them to the appropriate tipping area.

After tipping, trucks weigh at the scale empty and then exit the facility.

The existing covered structure will continue to house the MRF and primary sorting operations. Loaders push source-separated recyclables onto the infeed conveyors for the elevated sorting

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platform. Material conveyed down the sorting platform is recovered by material type by mechanical machines and manual sorters and dropped into bunkers or bins below. Conveyors or loaders move the material from beneath the sorting platforms to the baler line. Selected loads of clean cardboard, newspaper and other recyclable materials may be sent directly to the baler. Recovered materials are baled and stored in the bale storage areas. See **Appendix D** for MRF equipment layout.

Waste Transfer

Waste residue from material recovery operations is top-loaded into roll-off boxes and hauled to permitted disposal sites. Additional residuals may be baled and sent to another recycler.

Self-Haul

Self-haul loads of recyclables are delivered by professional salvagers (repeat customers), and residents (non-repeat customers). Customers scale-in and out and are paid/charged on a \$/ton basis similar to other collection vehicles.

Collection of Fees

IMS Boston Yard employees staff the scalehouse and manage all fee collections/payments and accounting is done at the office on ~~2697 Main Street, San Diego~~

2740 Boston Avenue, San Diego, CA 92113 and
6795 Calle de Linea, San Diego, CA 92154

Storage of Recyclables

Recovered recyclable materials are stored in bins or bales in several locations. Approximately 1,800 bales of recyclables can be stored on-site, on roughly 12,000 sf of paved surfaces. Typically, all grades of paper and plastics are baled. Bales of material are continuously loaded onto trucks or into shipping containers. Material is rarely held for more than a few days. This material is shipped out on a continuous basis as truckloads accumulate. The maximum storage time is 120 days.

Hazardous Waste Load Checking Program

In accordance with CCR Title 22, a hazardous waste load checking program has been implemented at the facility to detect and properly handle liquid, hazardous, radioactive, e-Waste and/or special wastes (infectious wastes, dead animals, and sludge) that have been inadvertently received. **Appendix A** contains a copy of the program. Hazardous wastes are manifested and transported off-site to a permitted disposal facility in accordance with local, state, and federal laws. E- Waste is hauled to an e-waste processor for recycling.

Hazardous Waste Storage

Hazardous wastes discovered as part of the hazardous waste load-checking program are properly containerized, inventoried, and temporarily stored in a Hazardous Waste Locker located outside

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the tipping building and away from on-site traffic patterns. All Federal, state and local hazardous waste laws and regulations are followed.

STATION MAINTENANCE

A comprehensive station maintenance program has been implemented at the facility. It features a Self-Inspection Checklist, which is completed on a regular basis. The Checklist entails monitoring the General Work Environment, Worker Right-To-Know, Hazardous Waste Procedures, Personal Protective Equipment, Facility Equipment, and Facility Structure Evaluation. Elements of the list are monitored on a daily, weekly, or monthly basis. Items found to be in need of maintenance are brought to the attention of the Operations Manager.

The site is cleaned daily to collect loose litter and dust. At the end of each day, the tipping floor is cleaned using dry clean-up methods. The entrance and exit are cleaned as needed to prevent the tracking or off-site migration of waste materials.

HEALTH AND SAFETY PROGRAM

A health and safety program has been implemented at the facility to ensure the health and safety of employees and the public visiting the facility. It includes the following programs:

- Employee Safety Training Program
- Injury and Illness Prevention Program (IIPP)
- Emergency Procedures and Contingency Plan
- Hazard Communication Program
- Energy Control (Lockout/Tagout) Program
- Respiratory Protection and Hearing Conservation Programs

Water Supply and Sanitary Facilities

City of San Diego provides the potable water supply. Water fountains or other potable water dispensers and sanitary facilities are located in the breakroom for operations employees.

Communications

The facility has a communications network between the scale house, loaders and office to ensure smooth operation. The scalehouse is equipped with a phone system, outside phone line, and two-way radios. Supervisors and loader operators are equipped with two-way radios.

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Lighting

The facility has indoor and outdoor lighting sufficient to conduct operations during non-daylight hours. Outdoor lighting consists of building-mounted fixtures directed to the interior of the site to reduce glare.

Fire

There are water tanks on site that can hold up to 40,000 gallons of water. There are three fire hoses and pumps that connect to the water tanks in order to suppress fire.

Safety Equipment

The facility requires that employees directly involved in material handling operations be properly outfitted with Personal Protective Equipment (PPE). At a minimum, these employees are required to wear hard hats, safety glasses or goggles, safety vests, gloves, and safety boots. In addition, ear protection will be provided as necessary for all employees. Employees involved in hazardous waste handling are required to wear specialized safety equipment.

The facility has operational controls and safety devices for equipment to protect employees. Railings, curbs, grates, fences and other controls have been designed to meet OSHA standards in order to ensure the safety of each employee.

Supervisors are responsible for the following:

- monitoring and evaluating safety equipment at the facility to ensure that it is in good condition and adequate stock
- inspecting the PPE on a daily basis while touring the facility
- issuing new PPE as needed, or at the request of employees
- inspecting hazardous waste response equipment on a monthly basis, any items will be replaced as needed
- checking fire extinguishers, first aid kits, and eye wash kits monthly.

Emergency Provisions for Power Failure

If electrical power to the site is temporarily lost, top loading of material can still continue. If power is lost for an extended period of time, collection trucks and self-haul vehicles may be instructed to bypass the facility and deliver their loads directly to another MRF or if there is no other option, to permitted landfills.

SB 1383 Compliance

Our Facility has been identified as a transfer/processing operation facility that may require compliance with some or all of the following Title 14 California Code of Regulations (14 CCR) sections that are listed in Appendix F.

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6.0 STATION CONTROLS

This section discusses how the facility has been designed and operated to meet State Minimum Standards relating to transfer stations, Title 14, Section 17406.1 et. seq.

BURNING WASTES AND OPEN BURNING (Section 17407.71)

Should the facility accidentally receive burning materials or experience accidental ignition of material on the tipping floor, the following will occur:

- If the fire is small and manageable, the floor workers and loader operators will separate the burning material from other materials and deposit it on paved ground, and then put it out with water hoses and portable extinguishers.
- If the fire appears to be a greater threat, 911 will be called immediately for assistance from the Fire Department. Loader operators may be able to isolate the burning material as described above, to minimize spread of the fire and danger to structures until help arrives.

In either case, the facility will backtrack the material to alert the generator and eliminate future occurrences.

CLEANING (Section 17407.2)

Litter crews police the site daily, and when needed a mechanical street vacuum cleans all paved areas, driveways, and the frontage sections of Boston Avenue daily. In addition, the sorting line, building, balers and other stationary equipment is cleaned by hand of accumulated dirt and debris on an “as needed” basis. Bins are cleaned on an as-needed basis as directed by the manager. Facility interior housekeeping is as follows:

- Tipping and load out floors – Daily cleaning using street sweeper or manual brooming
- Push Walls – Daily cleaning is performed behind push walls to include sweeping, use of industrial absorbents and other floor cleaners, as required.
- Weekly cleaning, using portable steam cleaners, mops, and/or brooms.

Additional housekeeping occurs throughout the day on an as-needed basis. Special emphasis is placed upon the collection of litter located outside of the building. It is the Facility Manager’s responsibility to determine the frequency for litter removal. At a minimum, litter is removed daily or as many times throughout the day as deemed necessary. The Facility Manager develops a schedule with cleaning personnel. If needed, a more intensive cleaning is conducted once a month.

The entrance and exit are cleaned as needed to prevent the tracking or off-site migration of materials.

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DRAINAGE CONTROL (Section 17407.3)

The facility has a General Industrial Storm Water Permit and developed a Storm Water Pollution Prevention Plan (SWPPP), which describes best management practices to be employed at the facility. Most of the fire-fighting water will be absorbed by the material and natural evaporation. What is not absorbed will be captured by the facility's drains which are built to capture water and store in our holding tanks.

DUST and ODOR CONTROL (Section 17407.4)

When dust or odor occur, the operator will process the material as soon as possible and may use a light water spray as needed to knock down dust.

HAZARDOUS, LIQUID, SPECIAL, RADIOACTIVE and E-WASTES (Section 17407.5)

This facility will not intentionally accept hazardous materials including batteries, oil, paint, and special wastes. The facility has implemented a load-checking program, and procedures to handle hazardous material discovered on the tipping floor (see **Appendix A**). The facility will not accept liquid waste or sludges.

This facility is a certified e-waste handler. If e-waste is discovered in the loads, it will be palletized and stored in an enclosed dumpster and then hauled to another facility certified as an e-waste processor for recycling.

LITTER CONTROL (17408.1)

Litter will be controlled at the site in several ways:

- A litter crew polices the site once per day, or as needed, picking up litter from all four sides of the site perimeter including; driveways, and along the frontage
- A mandatory tarping policy is enforced requiring all loads to be covered. Measures for enforcement include warnings, refusal of loads, and possible banning from the facility. See **Appendix B** for a copy of the Litter Control Program.

Also, to prevent blowing debris, if it should become a problem, the facility will use portable wind screens that can be moved to best mitigate wind.

MEDICAL WASTES (Section 17408.2)

The facility will not knowingly accept medical waste. If "red bag" medical waste is discovered, the County of San Diego, Department of Environmental Health, Hazardous Materials Division will be notified, and the material isolated in a medical waste storage container to prevent contact with employees or users of the facility. A certified medical waste handling company picks-up the material and disposes of it properly.

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NOISE CONTROL (Section 17408.3)

The facility is located in an industrial zone and meets the noise ordinance requirements at the property line.

NON-SALVAGEABLE ITEMS (Section 17408.4)

Drugs, cosmetics, foods, beverages, hazardous wastes, poisons, medical supplies or syringes, needles, pesticides and other materials capable of causing health or safety problems will not be salvaged. All employees will be trained in this regard.

NUISANCE CONTROL (Section 17408.5)

Strict operating practices, such as daily cleaning and prompt removal of waste material will be continued to ensure that the facility poses no nuisance to the community. The location of the facility in an industrial area also mitigates potential nuisances.

MAINTENANCE PROGRAM (Section 17408.6)

A comprehensive station maintenance program has been implemented at the facility. The program features a Self-Inspection Checklist, which is completed on a regular basis. The Checklist entails the monitoring of the General Work Environment, Worker Right-To-Know, Hazardous Waste Procedures, Personal Protective Equipment, Facility Equipment, and Facility Structure Evaluation. Elements of the Self-Inspection Checklist are monitored daily, weekly, or monthly. Items needing maintenance are brought to the attention of the Operations and/or Maintenance Manager.

PERSONNEL HEALTH AND SAFETY (Section 17408.7)

A health and safety program has been implemented at the facility to ensure the health and safety of employees and the public visiting the facility. It includes the following programs:

- Employee Safety Training Program
- Injury and Illness Prevention Program (IIPP)
- Emergency Procedures and Contingency Plan
- Hazard Communication Program
- Energy Control (Lockout/Tagout) Program
- Respiratory Protection and Hearing Conservation Programs

PROTECTION OF USERS (Section 17408.8)

All inbound loads will be directed by the scalehouse operator to the tipping floor or directly to a specific commodity bay depending on the type of material in the load. The commercial haulers will typically be repeat customers and will therefore be familiar with onsite traffic circulation,

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tipping areas and procedures. The facility's staff may also control traffic if needed to direct trucks. For more information refer to the Traffic Control Section located on page 32.

ROADS (Section 17409.1)

The entire operating area of the site is paved. This paving is swept daily and when needed a street vacuum is used to minimize dust and prevent trucks from tracking dirt or litter onto the street.

SANITARY FACILITIES (Section 17409.2)

City of San Diego provides the potable water supply. Water fountains or other potable water dispensers and sanitary facilities are located in the breakroom for operations employees.

SCAVENGING AND SALVAGING (Section 17409.3)

Scavenging is prohibited. Salvaging of recoverable material such as cardboard, wood, glass, paper, and metal is an integral part of the operation. Storage areas for salvaged materials are designated on the site plan. Proper storage of materials can minimize both fires and vectors. For information on storage quantities and durations please refer to Storage of Recyclables on page 23 for more information.

SIGNS (Section 17409.4)

A signage plan, conforming to City of San Diego planning standards, ensures safe operations. Signs are maintained and replaced as needed to ensure easy readability and maintain aesthetics. At a minimum, the following signs are posted with the following information:

Sign Located at the Entrance of the Facility

Hours of Operation, Days of Week
Name of Facility and Operator
Materials Accepted/Not Accepted
Speed Limit
Facility Telephone Number

Sign Located at the Scale House

Transfer Station Rules (stay in truck, etc.)
Tarping Requirements

LOAD CHECKING (Section 17409.5)

In accordance with CCR Title 22, a hazardous waste load checking program will be implemented at the facility to detect and properly handle liquid, hazardous, radioactive, e-waste and/or special wastes (infectious wastes, dead animals, and sludge) that have been inadvertently received.

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Appendix A contains a copy of the program. Hazardous wastes are manifested and transported off-site to a permitted disposal facility in accordance with local, state, and federal laws. E-waste is hauled to an e-waste processor for recycling. Any incidental hazardous waste that is found is properly containerized, inventoried and temporarily stored in the Hazardous Waste Locker. The facility will keep records of all hazardous wastes for one year. These records are available for inspection at the facility office.

PARKING (Section 17409.6)

All parking is offsite.

SOLID WASTE REMOVAL (Section 17410.1)

Solid waste is removed continually from the site M-F between 7:30am - 4:00pm

Solid waste residual from the sorting operation is removed continually from the site on a “first-in first-out” policy. Material is stored onsite up to seven days as long as it does not create an issue as stated in CCR Section 17410.1. Stored recyclable materials will not interfere with facility operations or cause a public health nuisance as determined by the LEA. Storage of residual solid waste shall not cause a nuisance such as litter, vectors, fire hazards, or dust. The LEA has the right to reduce the maximum storage time of recyclables necessary to protect or prevent a nuisance such as litter, vectors, fire hazards, or dust. Generally, residual waste will be transferred from the facility within 24 hours.

Storage of processed and unprocessed recyclable material or solid waste residual will not interfere with or obstruct the flow of traffic ingress, egress or traffic movement within the facility.

SUPERVISION AND PERSONNEL (Section 17410.2)

Table 3 shown previously lists the facility positions and number of personnel anticipated at the facility at the 217 TPD capacity. The number and assignments may change to some extent depending on operational requirements. ~~Although the permit would allow for 24 hour a day, 7 day a week operation this level of operation would only be required at peak daily throughput.~~ The current operation is typically conducted over one shift with overtime, but could be extended to a second shift, if needed as tonnage increases.

All operational activities are performed during each activity's permitted operating hours.

Figure 5 shown previously is an organizational chart for the operation of the facility. Facility management is selected based on their proven experience in the material management and recycling industry. **Appendix C** contains capsule resumes of key people. **Table 4** and **Table 5** shown previously contain emergency contact information.

All employees receive training including, but not limited to: safety, health, environmental controls, and emergency procedures. The training programs offer standardized training for all employees in company operations, policies and procedures, as well as additional training based on the specific job description and responsibilities of the employee. For example, sorters are trained to recognize the

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types of hazardous or special waste that may be inadvertently included in the loads brought to the facility. Employees receive regular safety briefings.

TRAINING (Section 17410.3)

Personnel are adequately trained on subjects pertinent to site operations and maintenance, hazardous materials recognition and screening, use of mechanized equipment, environmental controls, emergency procedures and other requirements of the Minimum Standards for Solid Waste handling and Disposal. Training records are available for inspection.

VECTOR, BIRD, AND ANIMAL CONTROL (Section 17410.4)

To eliminate any attraction for rodents, birds, and insects, non-salvageable wastes will be loaded into trailers on a first-in, first-out basis. Residual waste from the sorting operation is stored onsite up to seven days as long as it does not create an issue as stated in CCR Section 17410.1. The LEA can require immediate removal of any load propagating flies or vectors. The facility does not anticipate material storage for this extended amount of time. Generally, waste from the sorting operation will be transferred from the facility within 24 hours. Baled and recyclable materials will be shipped out on a regular basis. A pest control company visits the site as needed to set rodent traps and inspect the facility. Periodic spraying for flies and insect control will be conducted, if needed, with particular attention paid to the outdoor storage area for mixed recyclables.

RECORD KEEPING (Section 17414)

The facility records material tonnage and number of hauling vehicles entering the facility per day. This includes daily averages and daily peaks for each calendar month. This information is reported per LEA instructions.

A Special/Unusual Occurrences Log is kept on a daily basis with a summary provided in the quarterly tonnage report. The log includes but is not limited to fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, injury and property damage accidents, flooding, and other unusual events, such as facility closure. Each log entry shall be accompanied by a summary of actions taken by the operator to mitigate the occurrence. The log also includes a record of loads rejected and visits by regulatory agencies.

The log is kept in the facility office and are available for inspection during normal business hours between 8:00 a.m. and 4:00 p.m., Monday through Friday.

DOCUMENTATION OF LEA ACTIONS, DETERMINATIONS, REQUIREMENTS (Section 17414.1)

The operator will maintain a record of LEA approvals, determinations, and other requirements.

TRANSFER/PROCESSING REPORT

IMS Recycling Services MRF & TRANSFER STATION

COMMUNICATIONS EQUIPMENT (Section 17415.1)

The facility has a communications network between the scale house, loaders and office to ensure smooth operation. The scalehouse is equipped with an outside phone line, and a two-way radio. Supervisors and loader operators are equipped with two-way radios.

FIRE FIGHTING EQUIPMENT (Section 17415.2)

Water storage tanks, pumps and three fire hoses are stored on site for prevention and response.

HOUSEKEEPING (Section 17416.1)

See the Station Maintenance portion of **Section 5**, as well as the earlier Litter Control portion of this section.

LIGHTING (Section 17416.2)

The facility has indoor and outdoor lighting sufficient to conduct operations during non-daylight hours.

EQUIPMENT (Section 17416.3)

The station will maintain the proper type, capacity, and number of equipment units to efficiently run the station according to the controls stipulated in this document. See **Section 5**.

SITE SECURITY (Section 17418.1)

During material receiving hours, facility personnel stationed in the scalehouse monitor all incoming traffic. During non-material receiving hours, a combination of walls and gates secure the site at all entry and exit points. In addition the facility uses an alarm service.

SITE ATTENDANT (Section 17418.2)

An attendant will be on duty during the hours the facility is open to the public.

TRAFFIC CONTROL (Section 17418.3)

Traffic at the facility is comprised of collection trucks, transfer trucks, recyclable material trucks, company vehicles, and the public. Collection vehicles include, but are not limited to: roll-offs; side-loading; rear-loading; and front-loading trucks. Access to the site is Boston Avenue. See **Figure 3** Site Plan for traffic flow.

On-site traffic will be controlled by the following means:

TRANSFER/PROCESSING REPORT

IMS Recycling Services MRF & TRANSFER STATION

- enforced speed limit of 5 mph
- directions from scale house operator
- staff helps direct traffic
- sufficient queuing space
- the controlled metering of trucks into the tipping areas as necessary by the site supervisor, traffic controller, or lead floor man
- Sufficient separation between commercial and public vehicles while unloading
- The facility receives only about 10 public vehicles per day now, and does not anticipate an increase in the future.

VISUAL SCREENING (Section 17419.1)

The facility operation is screened by fencing, walls, and landscaping around the site perimeter.

WATER SUPPLY (Section 17419.2)

The potable water supply is provided by The City of San Diego.

UNUSUAL PEAK LOADS (Section 18221.6 k)

In the event of unusual peak loading, such as after a natural disaster, operations could be extended from the typical one-shift per day to two or three shifts depending on need. Stand-by equipment will be brought on-line, including additional loaders, forklifts, and transfer trailers. However, the maximum daily capacity of 217 tons will not be exceeded, unless given specific emergency approvals by the LEA.

FINAL DISPOSAL (Section 18221.6 m)

All solid waste residue will be disposed at permitted sanitary landfills. These may include, but are not limited to the following landfills: Miramar, Otay, or Sycamore Canyon.

TRANSFER/PROCESSING REPORT

IMS Recycling Services MRF & TRANSFER STATION

7.0 RECORDS AND REPORTING

WEIGHT/VOLUME RECORDS

The facility records tonnage and number of hauling vehicles entering the facility per day. This includes daily averages and daily peaks for each calendar month. This information is reported per LEA instructions.

SPECIAL OCCURRENCES

A Special Occurrences Log is kept on a daily basis with a summary provided in the quarterly tonnage report. The log includes but is not limited to fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, injury and property damage accidents, flooding, and other unusual events, such as facility closure. Each log entry shall be accompanied by a summary of actions taken by the operator to mitigate the occurrence. The log also includes a record of loads rejected and visits by regulatory agencies.

HAZARDOUS WASTE LOAD CHECKING PROGRAM

A record is maintained of the results of the hazardous waste load checking program, including the quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials. Reports identifying loads rejected are included with the load check reports. See **Appendix A** for the complete Load Check Program and forms. This information is reported per LEA instructions.

COMPLAINTS

A record of all complaints regarding this facility is maintained along with the operator's actions taken to resolve these complaints. See **Appendix E**. The Special Occurrence Log (different from the Special Occurrence Report) is filled out on a daily basis, and the special Occurrence Report is filled out and stored with the Log when a special occurrence happens. In addition, the operator will notify the LEA by telephone within 24 hours of all incidents requiring the implementation or emergency procedures.

The facility records any written public complaints received, including:

- The nature of the complaint
- The date the complaint was received
- If available, the name, address, and telephone number of the person or persons making the complaint
- Any actions taken to respond to the complaint

INSPECTION OF RECORDS

Facility records are kept in the facility office and are available for inspection during normal working hours between 8:00 a.m. and 4:00 p.m., Monday through Friday.

APPENDIX A

LOAD CHECKING PROGRAM

IMS BOSTON YARD MATERIAL RECOVERY FACILITY AND TRANSFER STATION

LOAD CHECKING PROGRAM

A hazardous waste screening program (including electronic waste, asbestos containing waste, and treated wood waste) will be implemented at the facility to make sure that no hazardous waste is brought to the facility, and to ensure that no hazardous waste is transferred to the landfill. The program will consist of the following elements:

I. Signage

Bilingual signs will be posted at the entrance of the facility stating that delivery of hazardous materials is prohibited at the facility and listing these Prohibited Wastes as follows:

- Designated Waste
- Special Waste
- Medical Waste
- Liquid Waste
- Hazardous Waste
- Radioactive Waste

II. General Visual Inspection

As each load of material is unloaded on the tipping floor, trained spotters will visually inspect each load for the presence of hazardous or suspicious materials to prevent and discourage disposal at the facility. A minimum of one trained spotter will be on duty at all times. Supervisors, equipment operators and sorters will also be trained and will perform continuous visual inspection to remove any suspicious materials. Discovered materials will be managed as described in Section VI, Handling Suspected Hazardous Waste.

III. Random/Focused Load Inspection

- A. Select a least two (2) loads per day.
- B. Select them at different times during the day (Randomize selections for each inspection, for example Monday at 1:00 pm and Thursday at 9:00 am)
- C. Select an equal share of roll-off and packer trucks.
- D. Record date, time, truck and route number of selected load on the Load Check Inspection Record, Attachment A.

IV. Dumping Procedure

- A. Dump selected trucks apart from the other haulers in a clean area of the station.
- B. Dumping area must be separated from the other site operations.

V. Sorting Procedure

- A. Each load will be visually inspected by a trained spotter.
- B. Loads will be spread out with loaders and hand rakes. Opaque bags will be opened to reveal the contents. Particular items such as drums, 5 gallon containers, wastes with DOT or other descriptive labels, sludges and liquids, soils and rags, and unidentifiable materials suspected of being hazardous will be inspected and evaluated to determine whether the item is hazardous.
- C. All containers large enough to contain other objects must be opened.

VI. Handling Suspected Hazardous Waste

- A. If hazardous waste is found:
 - 1. If the transporter is still on the premises:
 - a. Obtain driver's license number, vehicle license number, vehicle identification number, and bin number if roll-off.
 - b. Contain material and notify:
 - City of San Diego Solid Waste Local Enforcement Agency (LEA) (619) 533-3688
 - San Diego County Department of Environmental Health Hazardous Materials Division at (858) 505-6880
 - ~~San Diego County Fire Authority, Office of Emergency Services at (858) 565-3490~~
 - 2. If transporter is identified, but has already left the facility:
 - a. Transporter's company should be contacted and notified of findings.
 - b. Transport trucks from that company may be subject to regular inspections.
 - 3. If transporter is not identified:
 - a. IMS Recycling Services is responsible for proper disposal of the hazardous material. Transportation and disposal of the materials will be accomplished using their EPA identification number.
- B. Procedure for Handling Hazardous Waste
 - 1. The person discovering the incident will immediately report the situation to their supervisor or the Facility Manager.
 - 2. If work area or building evacuation is necessary to ensure worker health and safety, the person discovering the incident, his/her supervisor, or the Facility Manger will initiate evacuation procedures:

- a. Notify area personnel via two-way radio and signal horns to proceed to the nearest exit. Evacuation plans will be reviewed periodically.
- b. Personnel will proceed to the following regrouping area:
 1. Regrouping Area A – located on the driveway and cul-de-sac located on Consolidated Way
3. The Site Manger will designate an individual to interface with the emergency response agencies and an individual to assess personnel injures, if any, and conduct a head-count.
4. As soon as possible, the Site Manager, or his designee, will contact the Local Fire Department, County HazMat Team, and/or the Police Department by **dialing 911**.
5. Only personnel who have received proper emergency response training will be allowed into the incident area, and only after donning appropriate personal protective equipment (PPE).
6. Personnel who are trained in spill control and fire response and have the appropriate PPE will try to contain the incident under the direction of the Site Manager.
 - a. If a large quantity of a hazardous chemical (>5 gallons) has been spilled, or a dangerous fire situation erupts, site personnel will not try to contain or control the situation. Site personnel will wait for local emergency response agencies to arrive.
 1. If a reportable quantity of material has been spilled, the Site Manger will also notify the
 - DOT/EPA National Response Center at (1-800) 424-8802and
 - California Office of Emergency services at (1-800) 852-7550.
 - b. If quantity of a hazardous chemical is less than 5 gallons and material can be easily moved to storage area, the material will be temporarily set aside identifiable materials according to the following categories:
 - flammable and combustible
 - oxidizers
 - poisons
 - poisons containing heavy metals
 - corrosives (acids)
 - corrosives (bases)
7. Following containment and control of the incident, the Site Manager will complete the Special/Unusual Occurrence Report Form, Attachment B of this document.
8. Any hazardous material remaining on site overnight must be stored in the hazardous waste storage area.

C. Notification

Every hazardous waste occurrence will be documented. The following local agencies will be notified when any reportable quantity of hazardous or unidentifiable material is discovered at the facility.

- City of San Diego Solid Waste Local Enforcement Agency (LEA)
~~(619) 533-3688~~ 619-533-3694
- Fire Department, San Diego County
911
- Air Pollution Control District
(858) 586-2600 858-974-9891

If an investigation of the hazardous material generator seems warranted, call the San Diego County ~~Fire Department Protection Services Division at (619) 492-4510~~

Department of Environmental Health Hazardous Materials Division at (858) 505-6880

- D. Repeat offenders of hazardous waste from the same source will result in the termination of collection service for that business.

VII. Packaging Procedures

- A. Small containers of the same hazardous class can be packed in the same drum (lab packs).
- B. All lab packs must contain enough absorbent material to contain liquids if there is a spill and prevent breakage. Vermiculite is approved packing material.
- C. Steps:
1. Pack a few inches of absorbent material at bottom of the drum.
 2. Pack more absorbent around each small container placed in the drum.
 3. Drums for corrosive acid storage should be protected with plastic liner prior to adding absorbent and waste.
 4. Each drum is to be assigned a number which is clearly marked on the drum body and lid.
 5. Log sheets should be taped to the lid and should be marked as to: Facility location, drum number and hazard category.
 6. Hazardous waste labels should be filled out and affixed to drum.
 7. Affix proper hazard category label.
- D. Packing compatibility:
1. Only chemically compatible materials can be packaged together. **DON'T MIX: ACID AND BASES, CYANIDE COMPOUNDS AND ACIDS, OXIDIZERS AND FLAMMABLE** (bleach is an oxidizer, though often marked poison).
 2. If there is any doubt as to hazard class, call Public Health Department.

VIII. Labeling and Record Keeping

- A. Log Sheet: Enter the following information on a log sheet - to be used later to prepare manifest:
 - 1. waste category,
 - 2. list as much information about the chemical as possible (including the brand name),
 - 3. number of containers, and
 - 4. volume or weight of each container.
- B. Manifest: Must be prepared if wastes are to be transported (manifest forms available from the Department of Health Services).
- C. Training Records: Including Health and Safety Certifications.
- D. Inspection Reports.
- E. Spill or emergency incident reports.

IX. Storage Procedures

- A. Lab packed drums are to be stored inside the maintenance building, in a corner, so as to remain out of the way of any operations (must be stored on pavement).
- B. Drums containing flammable, poisons, corrosives (bases) must be separated from drums with corrosives and oxidizers.
- C. Containers must be closed except when being packed.
- D. The temporary storage area of hazardous waste is to be fenced and secured.
- E. Signs in English and Spanish posted around storage area(s) reading:

**DANGER: HAZARDOUS WASTE STORAGE AREA.
ALL UNAUTHORIZED PERSONS KEEP OUT.
KEEP LOCKED WHEN NOT IN USE.**

X. Disposal Procedures

- A. Each lab pack must be inspected by a site supervisor experienced in material identification and categorization before it is sealed.
- B. Each sealed drum must be labeled as to hazard class (according to CFR 40 and 49).
- C. Hazardous waste cannot accumulate for more than 90 days, otherwise we must secure a permit.

- D. Obtain an EPA ID# from the Public Health Department.
- E. Manifest must be prepared if wastes are to be transported.
 - 1. Manifest forms are available from the County Public Health Department
 - 2. Prepare five copies:
 - IMS Recycling keeps two.
 - One copy to transporter.
 - Legible copy to Public Health Department within 30 days of each shipment.
 - 3. Within 35 days of shipment, IMS Recycling must receive copies of manifest signed by the operator of the disposal facility. If not, the MRF must contact the facility (if not received within 45 days, an exception report of the pertinent manifest and cover letter describing efforts made to locate shipment, must be submitted to the Public Health Department).
 - 4. The MRF is to keep copies of manifests for three years.
 - 5. Transporter - Only EPA-permitted facilities can transport hazardous wastes.

XI. E-waste

- A. If electronic waste (e-waste) is discovered during the load checking operation, it will also be removed and segregated for recycling.
- B. The recovered e-waste will be stored in storage boxes or other containers for shipment to a fully-licensed e-waste processor for disassembly and recycling.
- C. These loads will be manifested per the regulations of the California Department of Toxic Substances Control (DTSC).

XII. Treated Wood

- A. If treated wood (such as pressure treated railroad ties or creosote treated wood) is identified during the load inspection operation, it will be removed and placed in an designated on-site collection container. This material will then be taken to an appropriate disposal facility.

IMS Recycling Services MRF

HAZARDOUS WASTE LOAD CHECKING TRAINING PROGRAMS

I. Training Personnel

- A. Safety Manager and Floor Supervisors are to complete a 40-hour HAZWOPER training and the 8 hour refresher course annually.
- B. Sorters: Only those trained in the use of personal protective equipment, emergency response, identification of hazardous materials and proper handling and procedures are allowed to sort refuse.
- C. Training is required at the time of the employee's initial assignment and whenever a new hazard is introduced into the work place.
- D. Supervisors will train regarding specific aspects of the load-checking program.
- E. Training is to be reinforced once a year.

II. Personal Protective Equipment

- A. Respiratory Protection:
 - training is required before a worker is allowed to wear respirators.
 - the safety officers is responsible for insuring all site workers are respirator certified, and
 - certificates must be kept up to date/renewed annually, and copies must be kept available for inspection.
- B. Eye Protection:
 - safety glasses or goggles must be worn when handling hazardous wastes, and
 - packers must wear full-face shield.
- C. Body/Hand Protection:
 - coveralls and steel-toed boots will be worn to protect the body and feet.
 - chemical, abrasion, puncture and tear resistant butyl or neoprene gloves will be worn by all employees coming in direct contact with waste (i.e. sorting).
- D. Dust Masks:
 - must be provided and additional protection must be available upon request.
- E. Hearing Protection:
 - it is optional for workers to wear hearing protection.

Attachment A

IMS RECYCLING SERVICES MRF

LOAD INSPECTION RECORD

Date and time:

Load checker name:

Collection Company:

Truck number:

Driver name:

Results of load check:

Description of hazardous material found (quantity, type, container, etc.):

Disposition of material: (i.e. stored in HHW area):

Attachment D

IMS RECYCLING SERVICES MRF

EMERGENCY CONTACTS

CALL

EMERGENCY: 911

FIRE: 911

POLICE: 911

OTHER PARTICIPATING AGENCIES

Local Enforcement Agency: ~~(619) 533-3688~~

619-533-3694

AIR POLLUTION: (858) 586-2600

HAZMAT: (858) 505-6880

APPENDIX B

LITTER CONTROL PROGRAM

LITTER CONTROL PROGRAM

PURPOSE

The Facility promotes a clean environment through a Litter Control Program, which encourages all vehicles to properly cover (or tarp) their loads while traveling to and from the Facility. The Facility has set a positive example by insuring that all self-haul, commercial and transfer vehicle loads are properly covered to minimize the potential of litter on and around the property. This Litter Control Program covers the entire facility.

PROGRAM COMPONENTS

The four components of the Litter Control Program are:

1. TARPING REQUIREMENT
2. CONTAINMENT OF LITTER
3. SITE AND FACILITY CLEAN-UP
4. MONITORING AND RECORDING

Tarping Requirement

All loads entering the facility, including those for the buy-back center, must be tarped or otherwise covered to control litter or other materials from escaping along any of the identified collection truck routes leading to the site. The following measures are implemented:

- A sign is posted at the entrance states that all refuse loads (inbound and outbound) must be covered.
- All haulers/customers are initially given a copy of a printed notice stating the requirements of the Litter Control Program.
- Each incident of an uncovered load is logged by date, the customer's name and vehicle license numbers are documented.
- Repeat violators may be refused entry.

Containment Of Litter

Litter can be generated by activities at the facility (receipt and processing of wastes and recyclables) or from vehicles using the facility.

Facility Containment

Litter is controlled at the tipping area by keeping material in a designated area and policing it with a loader and hand sweeping to insure material does not blow offsite. Furthermore, litter is controlled primarily by fencing and walls surrounding the property. Baled recyclables are stored outside and hauled to end use consumers on a regular basis.

Vehicle Containment

Transfer Vehicles

Each transfer truck is tarped to prevent refuse from escaping the trailer while traveling to or from the landfill. After the transfer vehicles are loaded, the vehicle driver will inspect all sides of the truck making sure all loose material is either removed or firmly inside the truck. Once confident the materials are inside the driver will properly place the tarp over the load and secure it for travel.

Collection Vehicles

All vehicles arriving with uncovered loads are logged by date, their company name and vehicle license numbers in the Litter Control Reporting Log. Repeat offenders may be restricted from the facility.

Transport Vehicles

Vehicles removing recyclable materials will be visually inspected as they leave the Facility. Drivers of the vehicles having uncovered loads will be informed that they must cover their load before leaving the station. Violator's will be documented in the Litter Control Reporting Log. Repeat offenders may be restricted from entering the facility.

Site And Facility Clean-Up

The facility and surrounding areas are cleaned daily. Tipping areas, driveways, internal roads, yard area and the immediate perimeter of the facility are swept as needed.

Monitoring And Recording

Scalehouse and buy-back center employees are trained in monitoring vehicles to ensure the loads are properly covered. Any loaded transfer, commercial or self-haul vehicle entering or exiting the facility without proper covering will be asked to cover their load and the company name and vehicle numbers will be documented in the Litter Control Reporting Log. Repeat offenders may be restricted from entering the facility.

All records are stored in the administrative office and available for inspection by an authorized inspector upon request. The appropriate agencies will be notified of all vehicles that have been refused permission to use the station.

APPENDIX C

RESUMES

Key Personnel

Terry Schneider – CEO

Terry Schneider is an executive in the waste and recycling industry with over 27 years of experience. He is currently President/CEO of CP Global, a group of companies engaged in many aspects of recycling, waste management, and sustainability support. CP Global companies provide residential recyclables processing for the City of San Diego, electronics waste processing in the U.S., and scrap metal processing in San Diego. CP Group, the manufacturing division of CP Global, manufactures large scale sort systems for recovery facilities located both in the U.S. and internationally. For the past three years in a row, CP Group has won the SWANA Gold Excellence Award in Recycling Systems, and in 2015 CP Group systems won both Gold and Silver.

Schneider's background includes experience in both collection and post collection services. Schneider's career in the waste and recycling industry began in 1989 in Southern California serving in management roles at Athens Disposal, BFI and CR&R. He later moved on to Allied Waste Services. Prior to joining CP, Terry worked at Republic Services in various field management roles, including Corporate Director of Post Collection where his responsibilities included planning and development of operation recycling initiatives for the corporation.

~~Deborah Odle – Vice President & General Manager~~

~~Ms. Odle has 25 years of experience in the scrap industry of which 19 have been with IMS Recycling. She started her career specializing in high temperature and stainless steel alloys and then moved on to include all nonferrous and ferrous metals. During her tenure with IMS, she has adapted well to understanding the ins and outs of running a MRF. She recognizes all scrap has the same set of challenges of compliance, safety, efficiency and quality while offering sustainability, service and customer satisfaction.~~

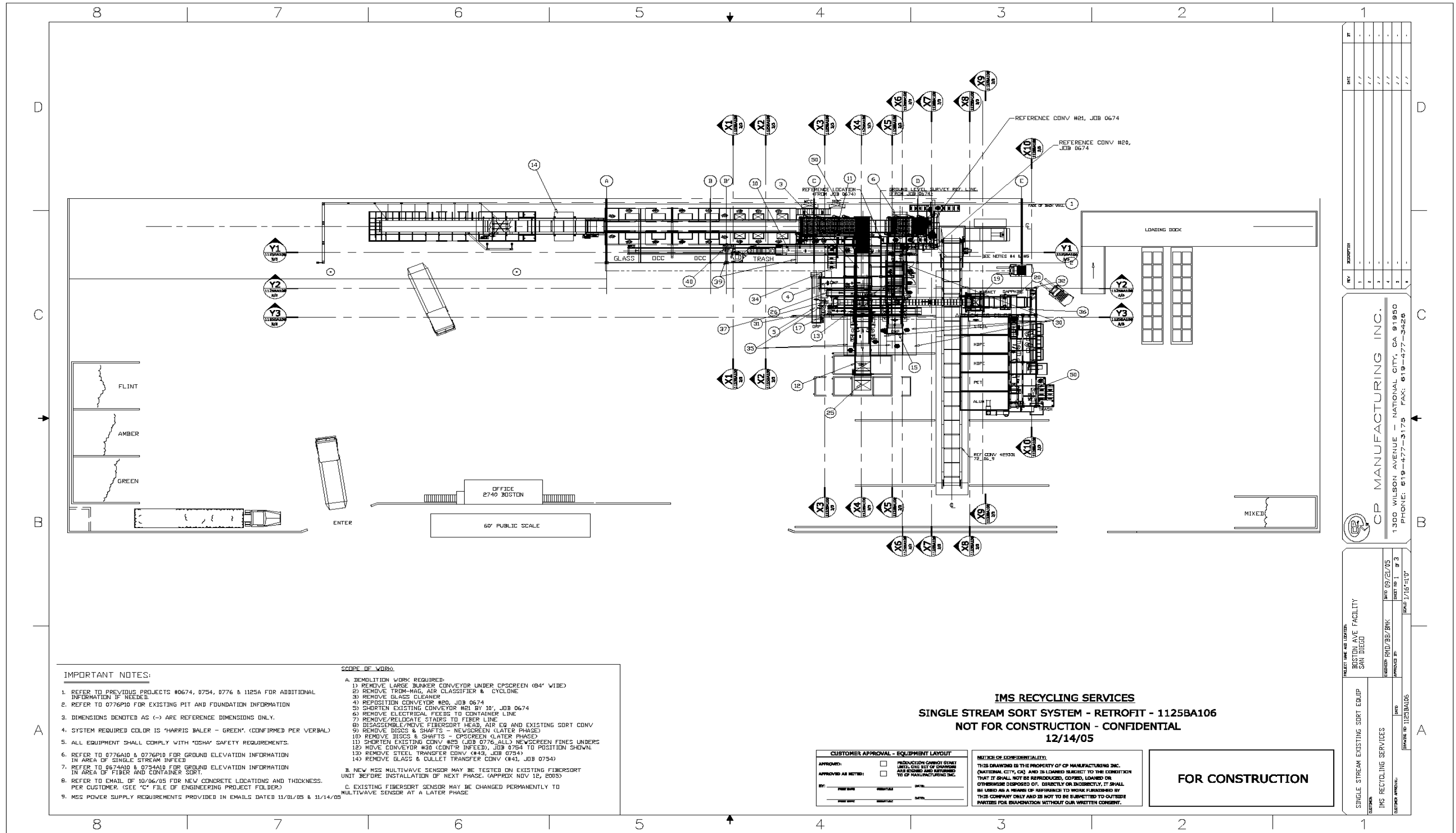
Juan Murillo-Plant Manager

Remove Deb, no longer with company. Terry Schneider and Juan Murillo are key personnel

Mr. Murillo has been with IMS Recycling working only at the MRF for more than 20 years. He has a very good understanding of running the equipment, managing the staff, and adhering to all regulations as well as company policies. Because he knows how to operate all equipment and is familiar with each job, he knows exactly what he can expect from each piece of equipment and each employee position.

APPENDIX D

MRF EQUIPMENT LAYOU



IMPORTANT NOTES:

- REFER TO PREVIOUS PROJECTS #0674, 0754, 0776 & 1125A FOR ADDITIONAL INFORMATION IF NEEDED.
- REFER TO 0776P10 FOR EXISTING PIT AND FOUNDATION INFORMATION
- DIMENSIONS DENOTED AS (-) ARE REFERENCE DIMENSIONS ONLY.
- SYSTEM REQUIRED COLOR IS 'HARRIS' BALER - GREEN'. (CONFIRMED PER VERBAL)
- ALL EQUIPMENT SHALL COMPLY WITH 'OSHA' SAFETY REQUIREMENTS.
- REFER TO 0776A10 & 0776P10 FOR GROUND ELEVATION INFORMATION IN AREA OF SINGLE STREAM INFEEED
- REFER TO 0674A10 & 0724A10 FOR GROUND ELEVATION INFORMATION IN AREA OF FIBER AND CONTAINER SORT.
- REFER TO EMAIL OF 10/06/05 FOR NEW CONCRETE LOCATIONS AND THICKNESS. PER CUSTOMER. (SEE 'C' FILE OF ENGINEERING PROJECT FOLDER.)
- MSS POWER SUPPLY REQUIREMENTS PROVIDED IN EMAILS DATED 11/01/05 & 11/14/05

SCOPE OF WORK:

- A. DEMOLITION WORK REQUIRED:**
- REMOVE LARGE BUNKER CONVEYOR UNDER CPSCREEN (84' WIDE)
 - REMOVE TRIM-MAG, AIR CLASSIFIER & CYCLONE
 - REMOVE GLASS CLEANER
 - REPOSITION CONVEYOR #20, JOB 0674
 - SHORTEN EXISTING CONVEYOR #21 BY 10', JOB 0674
 - REMOVE ELECTRICAL FEEDS TO CONTAINER LINE
 - REMOVE/RELOCATE STAIRS TO FIBER LINE
 - DISASSEMBLE/MOVE FIBERSORT HEAD, AIR EQ AND EXISTING SORT CONV
 - REMOVE DISCS & SHAFTS - NEWSCREEN (LATER PHASE)
 - REMOVE DISCS & SHAFTS - CPSCREEN (LATER PHASE)
 - SHORTEN EXISTING CONV #23 (JOB 0776, ALL) NEWSCREEN FINES UNDERS
 - MOVE CONVEYOR #30 (CONT'R INFEEED), JOB 0754 TO POSITION SHOWN.
 - REMOVE STEEL TRANSFER CONV (#43, JOB 0754)
 - REMOVE GLASS & CULLET TRANSFER CONV (#41, JOB 0754)
- B. NEW MSS MULTIWAVE SENSOR MAY BE TESTED ON EXISTING FIBERSORT UNIT BEFORE INSTALLATION OF NEXT PHASE. (APPROX NOV 12, 2005)**
- C. EXISTING FIBERSORT SENSOR MAY BE CHANGED PERMANENTLY TO MULTIWAVE SENSOR AT A LATER PHASE**

**IMS RECYCLING SERVICES
SINGLE STREAM SORT SYSTEM - RETROFIT - 1125BA106
NOT FOR CONSTRUCTION - CONFIDENTIAL
12/14/05**

CUSTOMER APPROVAL - EQUIPMENT LAYOUT

APPROVED: _____ DATE: _____

APPROVED AS NOTED: _____ DATE: _____

BY: _____ DATE: _____

NOTES OF EXPERIMENTALITY:

THIS DRAWING IS THE PROPERTY OF CP MANUFACTURING INC. (NATIONAL CITY, CA) AND IS LOANED SUBJECT TO THE CONDITION THAT IT SHALL NOT BE REPRODUCED, COPIED, LOANED OR OTHERWISE DISPOSED OF. DIRECTLY OR INDIRECTLY, IT SHALL BE USED AS A MEANS OF REFERENCE TO WORK SUBMITTED BY THIS COMPANY ONLY AND IS NOT TO BE SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION WITHOUT OUR WRITTEN CONSENT.

FOR CONSTRUCTION

REV	DESCRIPTION	DATE
1		11/14/05
2		11/14/05
3		11/14/05
4		11/14/05
5		11/14/05
6		11/14/05

CP MANUFACTURING INC.
1300 WILSON AVENUE - NATIONAL CITY, CA 91950
PHONE: 619-477-3175 FAX: 619-477-3426

PROJECT NAME AND LOCATION:
BOSTON AVE FACILITY
SAN DIEGO
DATE: 09/21/05
SHEET NO: 1 OF 3
DESIGNED BY: RND/BE/BHK
CHECKED BY: _____
SCALE: 1/16"=1'-0"

APPENDIX E

COMPLAINT LOG

and

HAZARDOUS AND UNIVERSAL WASTE

LOG

Appendix F: SB 1383 Requirements for Transfer/Processing Operations and Facilities

Regulations pursuant to Senate Bill (SB) 1383 titled, “Short-Lived Comate Pollutants (SLCP): Organic Waste Reductions” took effect on January 1, 2022, in order to meet statewide organics reduction disposal and food recovery requirements. Our facility has been identified as a transfer/processing (t/p) operation/facility that may require compliance with some or all of the following Title 14 California Code of Regulations (14 CCR) sections that are listed below.

For the purposes of these articles, our facility receives Mixed Waste Organic (MO) Streams and Source Separated Organic (SSO) Streams.

The Title 14 California Code of Regulations (14 CCR) sections are as follows with our facility’s corresponding procedure:

17409.5.1 Organic Waste Recovery Efficiency

For the purposes of compliance with the reporting requirements in Section 18815.5 and demonstrating that the facility is a “high diversion organic waste processing facility: as defined in Section 18982(a)(33) that meets or exceeds an annual mixed waste organic content recovery rate of 50 percent on and after January 1, 2022 and 75 percent on and after January 1, 2025 as determined in Section 18815.5(e), the operator shall conduct measurements described as follows:

Our facility shall determine the sum of outgoing weights of organic waste recovered from the mixed waste organic collection stream (MO) by adding together the weights determined pursuant to Section 17409.5.2(b)(6) for each operating day that measurements were conducted during the reporting period. The sum of outgoing weights of organic waste removed from the mixed waste organic collection stream (MO) for landfill disposal will be determined by adding together the weights as measured pursuant to Section 17409.5.3(b)(5) for each operating day that measurements were conducted during the reporting period.

Additionally, we shall determine the sum of outgoing weights of organic waste recovered from the source separated organic waste collection streams (SSO) by adding together the weights determined pursuant to Section 17409.5.4(b)(6) for each operating day that measurements were conducted during the reporting period. The sum of outgoing weights of organic waste removed from the source separated organic waste collection streams (SSO) that are sent for landfill disposal will be determined by adding together the weights as measure pursuant to Section 17409.5.5(b)(5) for each operating day that measurements were conducted during the reporting period.

These results will be reported according to Section 18815.5 and records will be kept in a manner approved by the EA and as described in Section 17414.2(a).

17409.5.2 Measuring Organic Waste Recovered from Mixed Waste Organic (MO) Collection Stream

The Operator will perform a sampling of organic waste recovered pursuant to Section 17409.5.2(b) for each reporting period for 10 consecutive operating days. This will occur post process with a sample of at

least 200 pounds. The sample shall be representative of a typical operating day and be random in nature. Characterizations of the sample will be produced determining incompatible material percentages of the sample with that result being representative of all material from that day being sent to a destination for end-use.

17409.5.3 Measuring Organic Waste in Material Removed from Mixed Waste Organic Collection Stream for Disposal

The operator will perform a sampling of organic waste in materials removed from MO pursuant to Section 17409.5.3(b) for each reporting period for 10 consecutive operating days. This will occur post process with a sample of at least 200 pounds. The sample shall be representative of a typical operating day and be random in nature. Characterizations of the sample will be produced determining incompatible and organic material percentages of the sample with that result being representation of all material from that day being sent to a destination for disposal.

17409.5.4 Measuring Organic Waste Recovered from Source Separated Organic (SSO) Waste Collection Stream

The operator will perform a sampling of organic waste recovered pursuant to Section 17409.5.4(b) for each reporting period for 10 consecutive operating days. This will occur post process with a sample of at least 200 pounds. The sample shall be representative of a typical operating day and be random in nature. Characterizations of the sample will be produced determining incompatible material percentages of the sample with that result being representative of all material from that day being sent to a destination for end-use.

17409.5.5 Measuring Organic Waste in materials Removed from Source Separated Organic (SSO) Waste Collection Stream Sent for Disposal

The operator will perform a sampling of organic waste in materials removed from SSO pursuant to Section 17409.5.5(b) for each reporting period for 10 consecutive operating days. This will occur post process with a sample of at least 200 pounds. The sample shall be representative of a typical operating day and be random in nature. Characterizations of the sample will be produced determining incompatible and organic material percentages of the sample with that result being representative of all material from that day being sent to a destination for disposal.

17409.5.6 Source Separate Organic (SSO) Waste Handling

Source Separated Organic (SSO) Waste processing shall be kept separate from other solid waste streams. Construction and Demolition Debris shall also be kept separate from the source separated organic waste collection stream and the mixed organic waste stream pursuant to Sections 17409.5.1-17409.5.5 and 17409.5.8. If Construction and Demolition Debris is commingled with MO and SSO, then that material would be subject to the measurement requirements.

SSO waste streams will be identified upon arrival and designated at our scale house.

17409.5.7 Gray Container Waste Evaluations

Gray Container Waste (per Section 17402.6.5) is not received at this facility.

17409.5.8 Incompatible Material Limit in Recovered Organic Waste

The operator will ensure that organic waste recovered after processing from SSO and MO will meet the following requirement:

- On and after January 1 2022 with no more than 20 percent of incompatible material by weight; and
- On or after January 1 2024 with no more than 10 percent of incompatible by weight

Samples taken to comply with Section 17409.5.2 and Section 17409.5.4 will provide the measure of incompatible material for each type of organic waste as the basis for the protocol from Section 17409.5.8(b). Per the regulation, if these percentages of incompatible material by weight are not met, then the material will then go to a facility that complies with 17409.5.8(c).

17409.5.9 Alternatives to Measurement Protocols

Not applicable.

17409.5.10 Solid Waste Handling at Consolidation Sites

Not applicable

17409.5.10.5 Solid Waste Handling at Co-Located Facilities or Operations

Not applicable

17409.5.11 remnant Organic Material Separated from Gray Container

Gray Container Waste (per Section 17402.6.5) is not received at this facility.

17409.5.12 Transfer/Processing Enforcement Agency (EA) Verification Requirements

All records pertaining to the receipt and transfer of organic material to an authorized permitted solid waste facility or operation shall be provided to the EA upon request.

17414.2 Recordkeeping and Reporting – Organic Waste Recovery

The operator shall abide by the recordkeeping requirements in Section 17414.2.